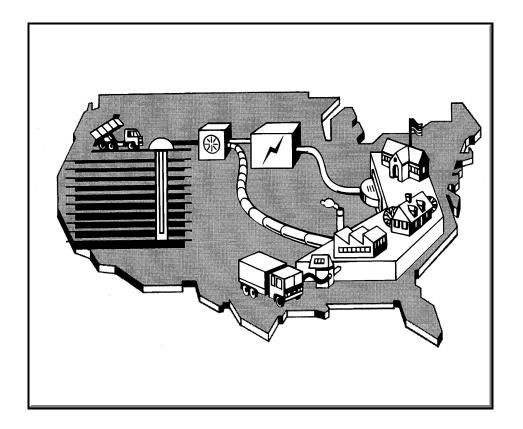


Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of Florida





EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities,

municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-toenergy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- · Project developers, landfill owners, and operators
- · State and local records
- · Survey of Landfill Gas Generation Potential (EPRI, 1992)
- . U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project, ¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

 Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-inplace.²

Shutdown:

· Landfill with shutdown LFGTE project.

Other

 Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

 Landfill with insufficient data to determine the waste-inplace

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



¹ Current projects illustrate the wide range of successful project development options.

Exhibit 1: Florida MSW Landfill Summary

Category	No. of			Est. CH4	Methane F		CO2 Equivalent of CH4			
	Landfills	Electricity (MW)	Gas Capacity (mmBtu/hr)	Generation (mmscf/d)	(tons/yr)			Reduction (tons/yr)		
					Potential	Current	Potential	Current		
Current	9	64	639	20	118,279	103,684	2,483,863	2,177,354		
Candidate	17	77	770	25	142,379	60,900	2,989,965	1,278,892		
Other	21	35	348	11	64,261	0	1,349,471	0		
Unknown WIP	12									
Total	59	176	1,757	56	324,919	164,583	6,823,299	3,456,245		

Exhibit 2: Potential Florida Emissions Avoided by Fossil Fuel Displacement

Category		Electricity Generation Project						Direct Use Project						
	C	O2 (tons/	yr)	SC)2 (tons/	yr)	CC	02 (tons/	yr)	so	2 (tons/	Natural Gas		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil			
Current	505,137	414,593	278,778	3,193	2,669	0	356,182	292,338	196,572	3,241	1,704	2		
Candidate	606,953	498,160	334,969	3,836	3,206	0	428,755	351,903	236,624	3,901	2,051	2		
Other	275,458	226,083	152,021	1,741	1,455	0	193,511	158,825	106,796	1,761	926	1		
Unknown WIP														
Total	1,387,548	1,138,836	765,769	8,771	7,330	0	978,449	803,066	539,993	8,903	4,680	5		

Exhibit 3: Index of Landfills in Florida

Category	Landfill Name			Landfill	LFG Collected	LFG	Status of LFGTE	
		<2.5 million tons	2.5 to 4 million tons	>4 million tons	Operating in 1998		Utilization Project	Project
Current	Berman Road LF			✓	✓		✓	Operational
Current	Central Disposal SLF			✓	✓	✓	✓	Operational
Current	Girvin Road LF			✓		✓	✓	Operational
Current	North Central LF Site 201			✓	✓		✓	Operational
Current	Orange County SLF AKA Demonstratio			✓			✓	Operational
Current	Perdido LF			✓	✓	✓	✓	Operational
Current	South Dade Solid Waste Disposal Facil			✓	✓			Construction
Current	Sunbeam Road SLF	✓				✓	✓	Operational
Current	Tomoka Farms Road LF			✓			✓	Operational
Candidate	Base Line LF Class I	✓			✓			Potential
Candidate	Bee Ridge LF			✓		✓		Unknown
Candidate	Brevard County Central LF	✓			✓	✓		Potential
Candidate	Charlotte County SLF Zemel Road	✓				✓		Unknown
Candidate	Citrus Central SLF	✓			✓			Unknown
Candidate	Croom SLF High Corner Road	✓						Unknown
Candidate	Gulf Coast LF		✓		✓	✓		Planned
Candidate	Indian River County LF Class I	✓			✓			Potential
Candidate	Medley LF Expansion			✓	✓			Potential
Candidate	Naples SLF Cell #6 Collier County			✓	✓	✓		Potential
Candidate	North LF			✓		✓		Planned
Candidate	Osceola Road LF			✓	✓			Unknown
Candidate	Palm Beach County LF #3 Dyer Road			✓				Planned
Candidate	Southport Road SLF Phase I & II	✓						Unknown
Candidate	U.S. 27 South LF	✓			✓			Potential
Candidate	West Palm Beach #7							Planned
Candidate	Wright LF			✓				Potential
Other	Aucilla Area SW Facility Class I & 2	✓			✓			Unknown
Other	DeSoto City SLF	✓				✓		Unknown
Other	Huntington SLF	✓						Unknown
Other	Lena Road County LF	✓			✓			Unknown
Other	Madison City/County SLF	✓						Unknown
Other	Majette North SLF	✓						Unknown
Other	Martin County Palm City II SLF	✓						Unknown
Other	Putnam County Central LF Phase II	✓			✓			Unknown
Other	Putnam County Central SLF		~					Unknown
Other	Rosemary Hill LF Expansion Class I	✓			✓			Unknown
Other	Saint Cloud City LF Class I	V						Unknown
Other	Saint Lucie County SLF Phase I	V			✓			Unknown
Other	Santa Rosa Central LF	✓			✓			Unknown

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Exhibit 3: Index of Landfills in Florida

Category	Landfill Name		WIP		Landfill Operating in	LFG Collected	LFG	Status of LFGTE
		<2.5 million tons	2.5 to 4 million tons	2.5 to 4 million tons million tons			Utilization Project	Project
Other	South Dade Dump			V				Unknown
Other	Springhill Regional Landfill	✓			✓			Unknown
Other	Stock Island LF Key West	✓						Unknown
Other	SW Alachua SLF	✓			✓			Unknown
Other	Taylor County Central LF	✓						Unknown
Other	Tillman Ridge SLF	✓			✓			Unknown
Other	Trail Ridge LF		✓		✓			Unknown
Other	West Nassau SLF	✓			✓			Unknown
Unknown WIP	Boca Raton Garbage Dump							Unknown
Unknown WIP	Columbia County Central LF							Unknown
Unknown WIP	Largo City SLF							Unknown
Unknown WIP	New River Regional LF							Unknown
Unknown WIP	North Duval SLF							Unknown
Unknown WIP	Northwest Hillsborough SLF							Unknown
Unknown WIP	Pinecrest LF							Unknown
Unknown WIP	Pinellas County SLF							Unknown
Unknown WIP	Ridge Road LF New Port Richey							Unknown
Unknown WIP	Sandler Road SLF							Unknown
Unknown WIP	South Dade SW Reduction Facility							Unknown
Unknown WIP	Toytown SLF							Unknown

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			Base Line LF Class	ī	Landfill Categ	ory: Candidate
		A. G	ENERAL LANDFILL INFO		Lanajiii Caieg	ory. Candidate
I ICH O		A. O.			<i>(</i> ,)	171 600
Landfill Owner:				al Acceptance Rate		171,600
Landfill Owner Type:				Annual Acceptance	Rate Reported:	1991
Alternative Landfill Na			_	n Capacity (tons):	1/	3,800,000
City:	Ocala			Currently Landfille	d (acres):	57
County:	Marion			age Depth (feet): Waste-in-Place (ton	\.	160
State:	FL					2,200,000
Year Open: Year Closed:	1977 2005		1990	Waste-in-Place (ton	8):	2,371,600
Teal Closed.	2003	I	B. LANDFILL GAS COLL	ECTION		
Estimated Methane Ge	neration (mmsc	 f/d):		1.02		
LFG Collection System		•				
Current LFG Collected						
Collection and Treatme	ent System Requ	uired Under NSF	S/EG:	No		
			C. LANDFILL GAS UTILI	ZATION		
Current Utilization:						
Utilization Systen	n Status:	Potential				
Utilization Systen		Unknown				
Utilization Systen	• •					
Electric Utility Pr	ovider(s):					
Natural Gas Provi	der(s):					
Energy Purchaser	(s):					
		F1	a de la Prima de la Comp	O.D.	D' . H. D. ' . (. D	
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mmB	
Estimated Potenti				3		32
Current Capacity:						
Planned Capacity:	:					
Utilities in County:		Clay Electric	Cooperative Inc; Florida Po	wer Corporation; Oc	cala Electric Utility; Sumter	Electric Coo
		D. ENVIR	RONMENTAL BENEFITS	OF UTILIZATION	J	
			Potenti	al	Current]
Methane Reduction (to	ns/yr):			5,924		0
CO2 Equivalent of CH	- ·	ns/yr):		124,398		0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generati	=	Direct Use Pr	-
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	25,257	160	17,839	162
		Fuel Oil:	20,730	133	14,641	85
	N	atural Gas:	13,939	0	9,845	0
			E. CONTACT INFORMA	ATION		
		Landfill (Owner		Landfill Operator	
Contact Name:	Allen Ellison, S	Solid Waste Dire	ector			
Mailing Address:	5601 Southeast	t 66th Street		5601 SE 66th Str	reet	
Phone Number:	904-245-4584			352-245-4584		
Fax Number:	904-245-5954					

^{*} Itallicized indicates values estimated by EPA.

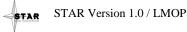
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			Bee Rid	ge LF		Landfill Categ	gory: Candidate
		A. G	ENERAL LANDFIL		ATION	, ,	
Landfill Owner:		a County, Solid	Waste Department		ceptance Rate (161,290
Landfill Owner Type:	Public				-	Rate Reported:	1998
Alternative Landfill N					pacity (tons):	• /	100
City:	Sarasot				ently Landfille	d (acres):	120
County:	Sarasot	a		Average D			50
State:	FL				e-in-Place (ton	·	4,978,200
Year Open:	1970			1998 Waste	e-in-Place (ton	s):	4,978,200
Year Closed:	1998						
		I	B. LANDFILL GAS	COLLECTI	ON		
Estimated Methane Ge	eneration (mmsc	f/d):		1.69			
LFG Collection System	n Status:			Operational			
Current LFG Collected	d (mmscf/d):			0.9			
Collection and Treatm	ent System Requ	uired Under NSF	S/EG:	Yes			
			C. LANDFILL GAS	UTILIZATI	ON		
Current Utilization:							
Utilization Syster	n Status:	Unknown					
Utilization System		Unknown					
Utilization System	• •	1997					
Electric Utility Pr		1777					
Natural Gas Prov							
		Samasata Car	untri Carriaga Tuaatima	nt Dlant			
Energy Purchaser	(S):	Sarasota Cot	inty Sewage Treatme	nt Plant			
Capacity:		Electrici	ty Generation Project	(MW)	OR	Direct Use Project (mmE	Btu/hr)
Estimated Potent	ial Capacity:			5			53
Current Capacity:	:						
Planned Capacity	:			2.7			21
Utilities in County:		Florida Pow	er & Light Company;	Peace River	Electric Coop I	Inc	
,			RONMENTAL BEN				
		D. ERVIE			TILIZATION		
				Potential		Curren	
Methane Reduction (to	= '				9,778		3,469
CO2 Equivalent of CH	14 Reduction (tor	ns/yr):			205,346		72,849
Emissions Avoided by	Fossil Fuel Dist	alacement:	Flactricity G	Generation Pro	niect	Direct Use Pi	roject
Linissions Avoided by	1 ossii 1 uei Disp	лисетені.	CO2 (tons/yr)		(tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		~ .					
		Coal:	41,833	2	264	29,446	268
		Fuel Oil:	34,334	4	221	24,168	141
	N	atural Gas:	23,086	5	0	16,251	0
			E. CONTACT INI		NT .	,	
		Landfill (OKMATIO	IN .	Landfill Operator	
Contact Name:	Gary Bennett,		O WIICI	C	ary Bennett	Landini Operator	
	_				•		
Mailing Address:	3982 Bee Ridg H/B	ge Road		83	50 Bee Ridge l	Road	
Phone Number:	941-316-1166			94	1-316-1166		
Fax Number:	813-364-4377						
I an I willioci.	013-304-43//						

^{*} Itallicized indicates values estimated by EPA.



			Berman Road	LF		Landfill Cat	egory:	Current
		A. Gl	ENERAL LANDFILL II	NFORMAT	ION			
Landfill Owner:	WMI		A	nnual Accept	ance Rate (to	ons):		96,000
Landfill Owner Type:				-		ate Reported:		1998
Alternative Landfill N	ame:			esign Capaci	-	1	185	,362,927
City:	Okeech	obee		cres Currentl	-	(acres):		27.3
County:	Okeech			verage Depth	-	(220
State:	FL			aste-in-Place			4	,375,800
Year Open:	1980			998 Waste-in)·		,890,600
Year Closed:	2050		12	790 wasie-in	-i iace (ions)		-	,870,000
		F	3. LANDFILL GAS COI	LLECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		1.67				
LFG Collection System	-							
Current LFG Collected								
Collection and Treatm		uired Under NSP	S/EG:	No				
	one System rieq		C. LANDFILL GAS UT					
Current Utilization:								
Utilization System	m Status:	Operational						
Utilization System		Leachate Eva	poration					
Utilization System		1996	aporation					
Electric Utility Pr		1990						
Natural Gas Prov	* *							
Energy Purchaser	r(s):							
Capacity:		Electricit	y Generation Project (MV	W) C)R	Direct Use Project (mn	nBtu/hr)	
Estimated Potent	ial Capacity:			5				52
Current Capacity								
Planned Capacity								
There is Co. 4		El : I D	0 I : 1 · C	1 El				
Utilities in County:			er & Light Company; Gla					
		D. ENVIR	CONMENTAL BENEFI		LIZATION			
			Pote	ential		Curre	ent	
Methane Reduction (to	- ·				9,649			0
CO2 Equivalent of CH	H4 Reduction (to	ns/yr):		2	202,625			0
Emissions Avoided by	Fossil Fuel Dist	alacement:	Electricity Gener	ration Projec	·t	Direct Use	Project	
Linissions Avoided by	1 Ossii 1 uei Disp	лисетені.	CO2 (tons/yr)	SO2 (ton		CO2 (tons/yr)	-	(tons/yr)
				302 (10)		· · · · · ·	302	(tons/yr)
		Coal:	41,042		259	29,056		264
		Fuel Oil:	33,686		217	23,848		139
	N	atural Gas:	22,651		0	16,036		0
			E. CONTACT INFOR	MATION				
		Landfill (Owner			Landfill Operator		
Contact Name:	Landfill Owner	r		Caroli	ne McReedy	7		
Mailing Address:	10800 Northe	ast 128 Avenue			Northeast 1			
Maining Address.	10000 NOTHER	ast 120 Avellue		10000	mornicast 1	20 / Ivenue		
Phone Number:	012 257 0111			041.2	57 0111			
	813-357-0111			941-3	57-0111			
Fax Number:								
	I.							

* Itallicized indicates values estimated by EPA.

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			Brevard County	v Central l	F	Lan	dfill Category:	Candidate			
		A. G	ENERAL LANDFII	•		Burt	agiii caicgory.	Cundidate			
Landfill Owner:	Rrayar		Waste Department		Acceptance Rate ((tons):		100,100			
Landfill Owner Type:	Public	d County, Sond	waste Department		nnual Acceptance			1994			
Alternative Landfill N		Disposal/Emer	gency I F		Capacity (tons):	Rate Reported.		1774			
City:	Cocoa	Disposal/ Linei	gency Li	-	Currently Landfille	d (acres):		192			
County:	Brevar	ď			e Depth (feet):	a (acres).		192			
State:	FL	_		_	n-Place (tons):			1,601,600			
Year Open:	1976				aste-in-Place (ton	s):		2,302,300			
Year Closed:	2003					-/-		_,_ ,_ ,_ ,_ ,			
]	B. LANDFILL GAS	COLLEG	CTION						
Estimated Methane Ge	eneration (mmsc	f/d):		1.	01						
LFG Collection System		,		Operation	nal						
Current LFG Collected				-	0.0						
Collection and Treatm	ent System Req	uired Under NSI	PS/EG:	Y	es						
			C. LANDFILL GAS	UTILIZ	ATION						
Current Utilization:											
Utilization System	n Status:	Potential									
Utilization System	n Type:	Unknown									
Utilization System	n Start Year:										
Electric Utility P	rovider(s):										
Natural Gas Prov	ider(s):										
Energy Purchases	Energy Purchaser(s):										
Capacity:		Electrici	ty Generation Project		OR	Direct Use Pro	oject (mmBtu/ni				
Estimated Potent					3			32			
Current Capacity					_						
Planned Capacity	:			1.	5			208			
Utilities in County:		Florida Pow	er & Light Company;	Peace Ri	ver Electric Coop l	Inc					
		D. ENVII	RONMENTAL BEN	EFITS O	F UTILIZATION	Ī					
				Potential			Current				
Methane Reduction (to	ons/yr):				5,821			38,544			
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):			122,247			809,424			
				~ .							
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity G		=		ect Use Project				
		C 1	CO2 (tons/yr)		O2 (tons/yr)	CO2 (tons	-	02 (tons/yr)			
		Coal:	24,46		155		7,530	160			
		Fuel Oil:	20,082	2	129	14	1,388	84			
	Λ	latural Gas:	13,500	3	0	9	9,675	0			
			E. CONTACT INI	FORMAT	TION						
		Landfill	Owner			Landfill Ope	rator				
Contact Name:	Richard Rabor	n, Solid Waste D	irector		Richard Rabon						
Mailing Address:	1620 Adamsor	n Rd.			1620 Adamson R	ld.					
Phone Number:	407-633-7113				407-633-7113						
Fax Number:	407-633-2045										

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			Central Disposal S	LF		Landfill Cate	gory:	Current	
		A. GE	ENERAL LANDFILL IN		N				
Landfill Owner:	WMI		Anr	nual Acceptar	ace Rate (tons):		1	,144,000	
Landfill Owner Type:	Private			-	ceptance Rate R	deported:		1992	
Alternative Landfill Na	ame:		Des	ign Capacity	(tons):		36	,412,717	
City:	Pompa	no Beach	Acr	es Currently	Landfilled (acre	es):		242	
County:	Browar			erage Depth (15	
State:	FL			94 Waste-in-F			23	,288,000	
Year Open:	1960			8 Waste-in-P	` '		27,864,000		
Year Closed:	2035				,			,,	
		В	. LANDFILL GAS COLI	LECTION					
Estimated Methane Ge	neration (mmsc	f/d):		6.04					
LFG Collection System	n Status:		Opera	itional					
Current LFG Collected	l (mmscf/d):			8.0					
Collection and Treatme	ent System Requ	uired Under NSP	S/EG:	No					
			. LANDFILL GAS UTIL	IZATION					
Current Utilization:									
Utilization System	n Status:	Operational							
Utilization System		Gas Turbine							
Utilization System	• •	1988							
Electric Utility Pr		1900							
Natural Gas Provi									
	* *	El: J. D	C ti						
Energy Purchaser	(s):	Florida Powe	r Corporation						
Capacity:		Electricit	y Generation Project (MW) OR	Dire	ect Use Project (mm	Btu/hr)		
Estimated Potenti	al Capacity:			19				189	
Current Capacity:				18.0				141	
Planned Capacity:									
Utilities in County:		Florida Powe	r & Light Company; Lee C	County Electri	c Coop Inc				
•			ONMENTAL BENEFITS						
			Poten			Curre	nt		
 Methane Reduction (to	ns/vr)·		1 Oten		4,947	Curre	iii	30,835	
CO2 Equivalent of CH	• ,	ns/vr)·			3,885			647,539	
CO2 Equivalent of CII	4 Reduction (10)	ns/y/).		13.	3,663			047,339	
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Genera	tion Project		Direct Use F	roject		
			CO2 (tons/yr)	SO2 (tons/	(yr)	CO2 (tons/yr)	SO2	(tons/yr)	
		Coal:	149,173	Ģ	043	105,238		958	
		Fuel Oil:	122,435	7	788	86,375		503	
	λ.			,					
	IV.	latural Gas:	82,327		0	58,079		1	
		I 16:11 C	E. CONTACT INFORM	IATION	Т.	- 4611 Ot			
C + 1N		Landfill C	wner			ndfill Operator			
Contact Name:	Michael Berg			Ron Ent	abe				
Mailing Address:	3831 N.W. 21s	st Avenue		3000 NV	W 48th Street				
Phone Number:	954-977-9551			954-917	-1640				
	/J 4 -711-7JJ1			734-71/	-10 4 0				
Fax Number:									



			Charlotte County SLF	Zemel F	Road	Land	fill Category:	Candidate
		A. G	ENERAL LANDFILL				,	
Landfill Owner:	Charlot	tte County Mosq	uito Control	Annual A	cceptance Rate ((tons):		118,118
Landfill Owner Type:	Charlet	are country intosq			nual Acceptance			1994
Alternative Landfill N	ame:				apacity (tons):			
City:		al Gulf Acres		-	rrently Landfille	d (acres):		160
County:	Charlot			Average 1		73		
State:	FL				ste-in-Place (ton	s):		638,509
Year Open:	1990		i	1998 Was		1,110,981		
Year Closed:	1998							
]	B. LANDFILL GAS CO	OLLECT	TION			
Estimated Methane Ge	eneration (mmsc	f/d):		0.70)			
LFG Collection System	m Status:		Op	perational	l			
Current LFG Collected	d (mmscf/d):							
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	No)			
		(C. LANDFILL GAS UT	FILIZA	ΓΙΟΝ			
Current Utilization:								
Utilization System	m Status:	Unknown						
Utilization Syster	m Type:	Unknown						
Utilization Syster	m Start Year:							
Electric Utility Pr	rovider(s):							
Natural Gas Prov	ider(s):							
Energy Purchases	r(s):							
Capacity:		Electrici	ty Generation Project (M	(W)	OR	Direct Use Proje	ect (mmBtu/hr	•)
Estimated Potent	ial Canacity:		.,	2			(22
Current Capacity				2				22
Planned Capacity								
Trainied Capacity	•							
Utilities in County:		Florida Pow	er & Light Company; Le	ee County	Electric Coop I	nc		
		D. ENVII	RONMENTAL BENEF	TTS OF	UTILIZATION			
			Po	tential			Current	
Methane Reduction (to	• .				4,060			0
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):			85,250			0
Emissions Avoided by	Fossil Fuel Dist	nlacement:	Electricity Gen	eration F	Project	Dire	ct Use Project	:
Emissions rivolaca by	1 ossii 1 uci Disp	насетені.	CO2 (tons/yr)		2 (tons/yr)	CO2 (tons/)	_	2 (tons/yr)
		Coal:	17,364		110	12,2		111
		Fuel Oil:	14,252		92	10,0	034	59
	N	latural Gas:	9,583		0		747	0
			E. CONTACT INFO	RMATI	ON			
		Landfill		KIVIA I I	011	Landfill Opera	ator	
Contact Name:	Robert Ward, 1							
Mailing Address:	P.O. Box 1054			1	P.O. Box 1054			
Phone Number:	813-639-1349				313-639-1802			
				'	515-057-1002			
Fax Number:	813-639-4821							



			Citrus Cer	ntral SLF		Landfill Category	: Candidate
		A. G	ENERAL LANDFI	LL INFORM	ATION		
Landfill Owner: Landfill Owner Type:	Citrus (County Solid Wa	ste Management		ceptance Rate (t		60,000 1998
Alternative Landfill N	ame:				pacity (tons):	1	
City:	Lecanto)			ently Landfilled	l (acres):	45
County:	Citrus			Average D	-	` '	40
State:	FL			_	e-in-Place (tons	s):	1,300,000
Year Open:	1975				e-in-Place (tons		1,300,000
Year Closed:	2000				(***	,	, ,
		I	B. LANDFILL GAS	COLLECTI	ON		
Estimated Methane Ge	eneration (mmsc	f/d):		0.75			
LFG Collection System							
Current LFG Collected							
Collection and Treatm		uired Under NSP	S/EG:	No			
	<u> </u>		C. LANDFILL GAS	S UTILIZATI	ON		
Current Utilization:							
Utilization System	m Status:	Unknown					
Utilization System		Unknown					
Utilization System		0					
Electric Utility P		Florida Powe	er				
Natural Gas Prov		11011011 10 111					
Energy Purchaser	* *						
Energy Turenases	.(5).						
Capacity:		Electrici	ty Generation Projec	t (MW)	OR	Direct Use Project (mmBtu/l	nr)
Estimated Potent	ial Capacity:			2			24
Current Capacity	:						
Planned Capacity	7:						
Utilities in County:		Central Flori	da Elec Coop Inc: F.	lorida Power C	Corporation: Sur	nter Electric Coop Inc; Withla	acoochee
			RONMENTAL BEN				
		D. ETVII	ON DE		ILLEATION	Comment	
Mathana Daduation (4	o			Potential	4,339	Current	0
Methane Reduction (to					·		-
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			91,121		0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity (Generation Pr	oject	Direct Use Proje	ct
			CO2 (tons/yr	·) SO2	(tons/yr)	CO2 (tons/yr) S	O2 (tons/yr)
		Coal:	18,15	53	115	13,067	119
		Fuel Oil:	14,89	99	96	10,724	63
	N	atural Gas:	10,01		0	7,211	0
		T 1011	E. CONTACT IN	FORMATIO	N	1 1011 0	
		Landfill (Owner			Landfill Operator	
Contact Name:	Susan Metcalfe	e, Director		Su	san Metcalf, Di	rector	
Mailing Address:	P.O. Box 340			Co	ounty Courthous	se	
Phone Number:	352-746-5000			35	2-746-5000		
Fax Number:	904-527-1204						
L							

* Itallicized indicates values estimated by EPA.

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			Croom SLF Hig	h Corner R	oad	Landfill Cat	egory:	Candidate	
		A. G	ENERAL LANDFII			· ·			
Landfill Owner:	Hernan	do County, Utili	ties Department	Annual	Acceptance Rate	(tons):		71,500	
Landfill Owner Type:	Public	J .	•		nnual Acceptance			0	
Alternative Landfill N	ame:				Capacity (tons):	•			
City:	Brooks	ville		Acres C	Currently Landfille	ed (acres):		38.2	
County:	Hernan	do		Average	e Depth (feet):			40	
State:	FL			Waste-i	ste-in-Place (tons): 1,21:				
Year Open:	1976			1998 W	1998 Waste-in-Place (tons):				
Year Closed:	1998								
		J	B. LANDFILL GAS	COLLEC	CTION				
Estimated Methane Ge	eneration (mmsc	f/d):		0.	34				
LFG Collection System		,							
Current LFG Collected									
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	1	No				
			C. LANDFILL GAS	S UTILIZA	ATION				
Current Utilization:									
Utilization System	n Status:	Unknown							
Utilization System		Unknown							
Utilization System	• •								
Electric Utility Pr									
Natural Gas Prov									
Energy Purchaser	c(s):								
Capacity:		Electrici	ty Generation Project	t (MW)	OR	Direct Use Project (mn	nBtu/hr	·)	
Estimated Potent	ial Capacity:				3			26	
Current Capacity	:								
Planned Capacity	:								
Utilities in County:		Florida Pow	er Corporation; Sumt	ter Electric	Coop Inc; Withla	coochee River Elec Coop	Inc		
		D. ENVIR	RONMENTAL BEN	NEFITS O	F UTILIZATION	N			
				Potential		Curre	ant		
Methane Reduction (to	medur).			rotentiai	4,849	Curro	211t	0	
CO2 Equivalent of CH	• '	nchr).			101,819			0	
CO2 Equivalent of CI	14 Reduction (to	ns/yr).			101,819				
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity (Generation	Project	Direct Use	Project		
			CO2 (tons/yr)	S	O2 (tons/yr)	CO2 (tons/yr)	SO	2 (tons/yr)	
		Coal:	20,52	21	130	14,601		133	
		Fuel Oil:	16,84	13	108	11,984		70	
	N	latural Gas:	11,32		0	8,058		0	
		ann an Gas.				0,030			
		Landfill	E. CONTACT IN	FORMAT	ION	Landfill Operator			
C + 127						Landfill Operator			
Contact Name:	Donald Post, C	Operations Manag	ger		Donald Post				
Mailing Address:	202 East Jeffer	rson Street			202 E. Jefferson	St.			
Phone Number:	904-754-5102				352-754-4037				
Fax Number:	904-754-8758								
	701 754-0750								

* Itallicized indicates values estimated by EPA. December 5, 1998



		A (1)	Girvin Road				Landfill Catego	ry: Current	
			ENERAL LANDFILL I						
Landfill Owner:	-	Jacksonville			Acceptance Rate				
Landfill Owner Type:	Public			Year Annual Acceptance Rate Reported:					
Alternative Landfill N	ame:		D	Design	Capacity (tons):				
City:	Jackson	nville	A	cres (Currently Landfille	d (acres):		73	
County:	Duval		A	verag	e Depth (feet):		105		
State:	FL		V	Vaste-i	in-Place (tons):			4,122,058	
Year Open:	1973		1	998 W	aste-in-Place (ton	s):		4,122,058	
Year Closed:	1993								
]	B. LANDFILL GAS CO	LLEC	CTION				
Estimated Methane G	eneration (mmsc	rf/d):		1.	 47				
LFG Collection System	,	<i>y, ce)</i> :	One	eratior					
Current LFG Collected			1.9						
Collection and Treatm		uired Under NSI	98/FG:		No				
Concetion and Treatm	ent System Req		C. LANDFILL GAS UT						
			C. LANDFILL GAS CI		ATION				
Current Utilization:									
Utilization System		Operational							
Utilization System		Medium Btu							
Utilization System		1997							
Electric Utility P									
Natural Gas Prov									
Energy Purchaser	r(s):	Jacksonville	Electric Authority						
Capacity:		Electrici	ty Generation Project (M	W)	OR	Direct Use	Project (mmBt	ı/hr)	
Estimated Potent	ial Canacity:				5			46	
Current Capacity					3			40	
Planned Capacity								40	
Planned Capacity	•								
Utilities in County:		Clay Electric	Cooperative Inc; Florida	a Pow	er & Light Compa	ny; Jacksonv	ille Beach Elec	Dept; Okefe	
		D. ENVII	RONMENTAL BENEFI	TS O	F UTILIZATION	1			
			Pot	ential			Current		
Methane Reduction (to	ons/yr):				8,512			7,323	
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):			178,758			153,791	
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Gene	ration	Project		Direct Use Pro	ject	
			CO2 (tons/yr)	S	O2 (tons/yr)	CO2 ((tons/yr)	SO2 (tons/yr)	
		Coal:	36,307		230		25,634	233	
		Fuel Oil:	29,799		192		21,039	123	
Natural Gas:			20,037		0		14,147	0	
			E. CONTACT INFOR	RMAT	TION				
Landfill Owner						Landfill	Operator		
Contact Name:	Chris Pierson				Chris Pierson		*		
Mailing Address:	515 Laura St				515 Laura St				
	Room 634, 6th	Floor		Room 634, 6th Floor					
Phone Number:	904-632-8081				904-632-8081				

^{*} Itallicized indicates values estimated by EPA.

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			Gulf Coast LF			Landfill Cate	gory:	Candidate	
		A. G	ENERAL LANDFILL INFO	ORMATI	ON	Emily in Care	501 y.	Candidate	
Landfill Owner:	WMI				ance Rate ((tons):		144,000	
Landfill Owner Type:	VV IVII			_		Rate Reported:		1998	
Alternative Landfill N	ama:			n Capacit	•	Kate Reported.		1996	
City:	Fort My	vers	-	-	y (tolis). y Landfille	d (acres):		160	
County:	Lee	yCIS		ge Depth		u (acies).		50	
State:	FL				-Place (ton	s).		2,125,340	
Year Open:	1976				Place (ton	,		3,612,540	
Year Closed:	2002		1770	rreste tri	race (ron	,,,.		3,012,310	
Tom Groseu.		I	B. LANDFILL GAS COLLE	ECTION					
Estimated Methane Ge	eneration (mmsc	f/d):		1.34					
LFG Collection Syster	n Status:		Operation	onal					
Current LFG Collected	d (mmscf/d):		0.4						
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	Yes					
			C. LANDFILL GAS UTILIZ	ZATION					
Current Utilization:									
Utilization Syster	n Status:	Planned							
Utilization Syster		Direct Thern	nal						
Utilization Syster									
Electric Utility Pr									
Natural Gas Prov	ider(s):								
Energy Purchaser	r(s):	Lee County	WTE Plant						
Capacity		Electrici	ty Generation Project (MW)	0	ıR	Direct Use Project (mm	Rtu/b)	
Capacity:		Eleculor	ty Generation Project (MW)		·K	Direct Ose Floject (IIIII	Dtu/III		
Estimated Potenti				4				42	
Current Capacity:								0	
Planned Capacity	:							8	
Utilities in County:		Florida Pow	er & Light Company; Lee Co	unty Elec	tric Coop I	nc			
		D. ENVIR	RONMENTAL BENEFITS	OF UTIL	IZATION				
			Potentia	ıl		Curre	nt		
Methane Reduction (to	ons/yr):				7,759			1,542	
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		1	62,935			32,378	
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation	-		Direct Use F	-		
			CO2 (tons/yr)	SO2 (ton	s/yr)	CO2 (tons/yr)	SO	2 (tons/yr)	
		Coal:	33,150		210	23,365		213	
		Fuel Oil:	27,208		175	19,177		112	
	N	latural Gas:	18,295		0	12,895		0	
			E. CONTACT INFORMA	TION					
		Landfill (Owner			Landfill Operator			
Contact Name:	Pat Yancey, Si	te Engineer		Laura	Gray, Site	Engineer			
Mailing Address:	P.O. Box 7314	_			State Road	_			
Mailing Address:	r.o. dox /314			11990	State Koac	1 0∠E			
Phone Number:	054 004 3000			044.63	24 4110				
r none mumber:	954-984-2000			941-33	34-4119				
Fax Number:									

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Indian River County LF Class I Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Solid Waste Disposal District Annual Acceptance Rate (tons): 114,400 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1993 Alternative Landfill Name: Design Capacity (tons): City: Vero Beach Acres Currently Landfilled (acres): 45 County: Indian River Average Depth (feet): State: FL Waste-in-Place (tons): 1.372.800 Year Open: 1985 1,601,600 1998 Waste-in-Place (tons): Year Closed: 2018 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 0.83 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Potential Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 26 Current Capacity: Planned Capacity: Florida Power & Light Company; Peace River Electric Coop Inc; Vero Beach Municipal Utilities Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 4,785 0 CO2 Equivalent of CH4 Reduction (tons/yr): 100,487 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 20,521 130 14,410 131 Fuel Oil: 108 16,843 11,827 69 Natural Gas: 0 0 11.325 7,953 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Terrance Pinto Roland McNeil Mailing Address: 1840 25th Street 1840 25th Street Phone Number: 407-567-8000 407-770-5112

* Itallicized indicates values estimated by EPA.

407-770-5143

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			Medley LF Exp	ansion		Landfill C	Category: Candidate	
		A. G	ENERAL LANDFILL		ΓΙΟΝ			
Landfill Owner:	WMI			Annual Acce	ntance Rate	(tons):	429,000	
Landfill Owner Type:					•	Rate Reported:	1992	
Alternative Landfill N				Design Capac	-	rate reported.	8,698,260	
City:		uderdale		Acres Curren	- ·	ed (acres):	118	
County:	Dade			Average Dep	-	().	100	
State:	FL			Waste-in-Pla			18,018,000	
Year Open:	1955			1998 Waste-i		is):	18,876,000	
Year Closed:	2003				,	,	, ,	
]	B. LANDFILL GAS CO	OLLECTION	N			
Estimated Methane G	eneration (mmsc	f/d)·		3.79				
LFG Collection Syste		<i>j, u)</i> .		3.77				
Current LFG Collecte								
Collection and Treatm	,	uired Under NSI	PS/EG:	No				
	1		C. LANDFILL GAS U	FILIZATIO	N			
Current Utilization:								
Utilization Syste	m Status:	Potential						
Utilization Syste		Medium Btu	1					
Utilization Syste		Wicdiam Bu	•					
Electric Utility P		FPNL						
Natural Gas Prov		111,2						
Energy Purchase	* /	Steel Found	rv					
- 25 · · · · · · · · · · · · · · · · · ·								
Capacity:		Electrici	ty Generation Project (M	IW)	OR	Direct Use Project (1	mmBtu/hr)	
Estimated Potent	ial Capacity:			12			118	
Current Capacity	:							
Planned Capacity	/ :							
Utilities in County:		Florida Dou	er & Light Company; Ho	amostand Cir	ty of			
Offitties in County:					-	_		
		D. ENVII	RONMENTAL BENEF	TITS OF UT	ILIZATION	N		
			Po	tential		Cı	ırrent	
Methane Reduction (to	ons/yr):				21,891		0	
CO2 Equivalent of CI	H4 Reduction (to	ns/yr):			459,717		0	
Emissions Avoided by	Fossil Fuel Diss	nlacomont:	Electricity Gen	aration Proje	net .	Direct II	se Project	
Emissions Avoided by	rossu ruei Disp	насетені.	CO2 (tons/yr)	SO2 (ta		CO2 (tons/yr)	SO2 (tons/yr)	
				502 (10				
		Coal:	93,135		589	65,923	600	
		Fuel Oil:	76,441		492	54,106	315	
	Λ	latural Gas:	51,400		0	36,382	0	
			E. CONTACT INFO	RMATION				
		Landfill		RMATION		Landfill Operator		
Contact Name:	C. II.1			G,	TT 1	Bundani operator		
Contact Ivalile.	Steve Urich			Stev	e Urich			
Mailing Address:	9350 NW 89th	Avenue		3750	Landfill Ro	oad		
Phone Number:	305-882-9029			305-883-7670				
Fax Number:				232 303 7070				
ı un i tuillioci.								



			Naples SLF Cell #6 Collier	County	I andfill Catego	ory: Candidate		
		A. G	ENERAL LANDFILL INFO	•	Lunajiii Caieg	Ty. Candidate		
Landfill Owner:	Collier	County		al Acceptance Rate ((tons):	249,600		
Landfill Owner Type:	Public	County		Annual Acceptance		1994		
Alternative Landfill N				n Capacity (tons):	Rate Reported.	1774		
City:	Naples		_	Acres Currently Landfilled (acres):				
County:	Collier			ige Depth (feet):	u (acres).	74 94		
State:	FL			e-in-Place (tons):		4,992,000		
Year Open:	1977			Waste-in-Place (ton	s):	5,491,200		
Year Closed:	2001		1,,,,	Transite in Transite (Form	.,.	2,1,200		
		I	B. LANDFILL GAS COLLE	ECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		1.82				
LFG Collection System		•	Operation	onal				
Current LFG Collected			•					
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	No				
			C. LANDFILL GAS UTILIZ	ZATION				
Current Utilization:								
Utilization Syster	n Status:	Potential						
Utilization Syster	n Type:	Unknown						
Utilization Syster	n Start Year:							
Electric Utility Pr	rovider(s):							
Natural Gas Prov	ider(s):							
Energy Purchaser	r(s):							
Composity		Electrici	try Companyion Project (MW)	OR	Diment Han Duningt (mm.P.	tur (laux)		
Capacity:		Electrici	ty Generation Project (MW)		Direct Use Project (mmB			
Estimated Potent				6		57		
Current Capacity								
Planned Capacity	:							
Utilities in County:		Florida Pow	er & Light Company; Glades	Electric Coop Inc; L	ee County Electric Coop In	c		
		D. ENVII	RONMENTAL BENEFITS	OF UTILIZATION	V			
			Potentic	ıl	Current	:		
Methane Reduction (to	ons/yr):			10,537		0		
CO2 Equivalent of CH	- ·	ns/yr):		221,277		0		
1								
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation	-	Direct Use Pr			
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	44,989	284	31,731	289		
		Fuel Oil:	36,925	238	26,043	152		
	N	atural Gas:	24,829	0	17,512	0		
			E. CONTACT INFORMA	TION				
		Landfill	Owner		Landfill Operator			
Contact Name:	David Russell,	Acting Director						
Mailing Address:	3301 Tamiami	-		3301 Tamiami Ti	rail Fast			
Maining Address:	East Building I				tan East			
Phone Number:				044				
	813-732-2507			941-732-2508				
Fax Number:	813-774-9222							



			North Centra	al LF Site 2	201		Landfill Co	itegory:	Current
		A. G	ENERAL LANDF	TILL INFO	RMAT	ION			
Landfill Owner:	Polk C	ounty Board of C	Commissioners	Annua	ıl Accept	ance Rate (t	ons):		348,000
Landfill Owner Type:	Public			Year A	Annual A	cceptance R	ate Reported:		1998
Alternative Landfill N	ame:			Design	n Capaci	ty (tons):			
City:	Winter	Haven		Acres	Currentl	y Landfilled	(acres):		79
County:	Polk			Avera	ge Depth	(feet):			150
State:	FL			1998	Waste-in	-Place (tons):		4,146,000
Year Open:	1976			1998 V	Waste-in-	-Place (tons) <i>:</i>		4,146,000
Year Closed:	2015								
]	B. LANDFILL GA	S COLLE	CTION				
Estimated Methane G	eneration (mmsc	rf/d):		1	.48				
LFG Collection System									
Current LFG Collecte					1.7				
Collection and Treatm		uired Under NSF	PS/EG:	,	Yes				
	<u> </u>		C. LANDFILL GA	AS UTILIZ	ZATION				
Current Utilization:									
Utilization System	n Status:	Operational							
Utilization System		Direct Therr	nal						
Utilization System		1996							
Electric Utility P		2,7,0							
Natural Gas Prov									
Energy Purchases	` '	Wheelabrato	or Ridge Energy						
Energy ruremases	(5).	W neciaerate	r rauge Energy						
Capacity:		Electrici	ty Generation Proje	ect (MW)	C	OR .	Direct Use Project (m	mBtu/hr)
Estimated Potent	ial Capacity:				5				46
Current Capacity	:								35
Planned Capacity	:								
Utilities in County:		Bartow City	Electric Dept; Flor	ida Power	Corporat	ion; Fort Mo	eade City Govt; Lakela	nd Dept	of Elec
		D. ENVII	RONMENTAL BE	ENEFITS (F UTII	LIZATION			
				Potentia	l		Cur	rent	
Methane Reduction (to	ons/vr):					8,548			6,553
CO2 Equivalent of CH	- ·	ns/vr):			1	179,502			137,603
1						,			
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity	Generatio	n Projec	t	Direct Use	Project	
			CO2 (tons/y	yr)	SO2 (ton	is/yr)	CO2 (tons/yr)	SO	2 (tons/yr)
		Coal:	36,3	307		230	25,740		234
		Fuel Oil:	29,7	799		192	21,126		123
	Λ	latural Gas:	20,0	037		0	14,206		0
			E. CONTACT I	NFORMA	TION				
		Landfill	Owner				Landfill Operator		
Contact Name:	, Solid Waste	Director			, Soli	d Waste Dir	ector		
Mailing Address:	Soild Waste D	ivision			Solid '	Waste Divis	ion		
Timing riddress.	10 Environmen					vironmental			
Phone Number:							~r		
	941-284-4319				941-28	84-4319			
Fax Number:	813-569-7374								
* Itallicized indicates v	aluas astimatad	hu EDA		Decembe	- 5 100°	0	State: FL	Page:	14

* Itallicized indicates values estimated by EPA.

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		0	range County SLF AKA	A Demonstrati	ion	Landfill Catego	ory: Current
		A. GI	ENERAL LANDFILL	INFORMAT	ION		
Landfill Owner: Landfill Owner Type:	_	County Utilities		Annual Accep		tons): Rate Reported:	768,000 1998
Alternative Landfill N				Design Capac	•	vale Reported.	1996
City:	vanne. Orland	0		Acres Current	-	(acres):	180
County:	Orange			Average Depti	-	i (acies).	50
State:	FL	,		1998 Waste-i		z)·	7,700,000
Year Open:	1971			1998 Waste-in			7,700,000
Year Closed:	1997		•	isso waste in	i i tace (tons	<i>)</i> .	7,700,000
		В	. LANDFILL GAS CO	DLLECTION	Ī		
Estimated Methane G	eneration (mmsc	:f/d):		2.39			
LFG Collection Syste		y,/·					
Current LFG Collecte				7.9			
Collection and Treatm		uired Under NSP	S/EG:	No			
	<u> </u>		C. LANDFILL GAS U	FILIZATION	N		
Current Utilization:							
Utilization Syste	m Status:	Operational					
Utilization Syste		Gas Turbine					
Utilization Syste		1997					
Electric Utility P		1,,,,					
Natural Gas Prov							
Energy Purchase	* *	Orlando Utili	ties Commission				
3,							
Capacity:		Electricit	y Generation Project (M	IW) (OR	Direct Use Project (mmB	tu/hr)
Estimated Potent	tial Capacity:			8			75
Current Capacity	<i>'</i> :			8.0			62
Planned Capacity	y:						
Utilities in County:		Florida Powe	er Corporation; Orlando	Utilities Com	mission		
,			ONMENTAL BENEF				
		D. E.W.			LIZITION		
Mothano Boduction (4			Po	tential	13,803	Current	
Methane Reduction (t CO2 Equivalent of CI	- ·	ma()).			289,869		30,450 639,446
CO2 Equivalent of CI	14 Reduction (to	ns/yr).			209,009		039,440
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Gen	eration Projec	ct	Direct Use Pr	oject
			CO2 (tons/yr)	SO2 (to	ns/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	59,196		374	41,567	378
		Fuel Oil:	48,585		313	34,116	199
	λ	latural Gas:			0		0
		aturat Gas:	32,669	D	0	22,940	0
		Landfill C	E. CONTACT INFO	RMATION		Landfill Operator	
Contact Name:						Landini Operator	
Contact Name:	Alan Ispass, C	hief of Purchasing	g	Dan I	Morrical		
Mailing Address:	109 East Churc	ch Street			Young Pine	Road	
	Suite 410			P.O. 1	Box 720067		
Phone Number:	407-836-7231			407-8	336-6600		
Fax Number:	407-836-6709						

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		A CI	Osceola Road ENERAL LANDFILL I		PMATION	Landfill Car	tegory: Candidate			
I ICH O						(i.)	102.105			
Landfill Owner:		le County			Acceptance Rate		402,405			
Landfill Owner Type:	Public				nnual Acceptance	Rate Reported:	1998			
Alternative Landfill N				Design Capacity (tons): 26,994,60						
City:	Sanford				Currently Landfille	ed (acres):				
County:	Semino	le	A	Average	erage Depth (feet):					
State:	FL		V	Vaste-i	n-Place (tons):		4,292,860			
Year Open:	1978		1	998 W	aste-in-Place (ton	<i>(s)</i> :	4,744,740			
Year Closed:	2040									
		B	3. LANDFILL GAS CO	LLEC	CTION					
Estimated Methane G	eneration (mmsc _j	f/d):		1.0	63					
LFG Collection System	_	•								
Current LFG Collected										
Collection and Treatm	` '	ired Under NSP	S/EG:	Y	es					
	ene system requ		C. LANDFILL GAS UT							
Current Utilization:										
	g	** 1								
Utilization System		Unknown								
Utilization System		Unknown								
Utilization System										
Electric Utility Pr										
Natural Gas Prov										
Energy Purchaser	c(s):									
Capacity:		Electricit	y Generation Project (M	W)	OR	Direct Use Project (mr	nBtu/hr)			
			y concruiton 110ject (111			Zireet ese 110jeet (iiii				
Estimated Potent					5		51			
Current Capacity										
Planned Capacity	:									
Utilities in County:		Florida Powe	er & Light Company; Flo	orida P	ower Corporation					
			CONMENTAL BENEFI		•	J				
		D. ENVIR			FUILIZATIO					
			Pot	tential		Curr				
Methane Reduction (to	= '				9,433		0			
CO2 Equivalent of CH	I4 Reduction (tor	ns/yr):			198,095		0			
Emissions Avoided by	Fossil Fuel Dier	olacement:	Electricity Gene	oration	Project	Direct Use	Project			
Linussions Avoided by	i ossu i uei Disp	nacement.	CO2 (tons/yr)		O2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)			
				S	-		, , ,			
		Coal:	40,253		254	28,407	259			
		Fuel Oil:	33,038		213	23,315	136			
	N	atural Gas:	22,215		0	15,677	0			
			E. CONTACT INFOR	DMAT	TON					
		Landfill (NIVIA I	.101	Landfill Operator				
G		Landini	JW IICI			Lanum Operator				
Contact Name:	Fred Blakely				Fred Blakely					
Mailing Address:	Central Transfe	er Station			Central Transfer	Station				
0	1634 SR 419				1634 SR 419					
Phone Number:										
I none ivallibel.	407-322-7605				407-322-7605					



Fax Number:

Palm Beach County LF #3 Dyer Road Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Palm Beach County Annual Acceptance Rate (tons): 577,720 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1990 Alternative Landfill Name: Design Capacity (tons): City: Palm Beach Acres Currently Landfilled (acres): 253 County: Palm Beach Average Depth (feet): 75 State: FL Waste-in-Place (tons): 15,598,440 Year Open: 1968 15,598,440 1998 Waste-in-Place (tons): Year Closed: 1994 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 4 41 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: Yes C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Planned Unknown Utilization System Type: Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Florida Power and Light Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 14 138 Current Capacity: Planned Capacity: Florida Power & Light Company; Lake Worth Utilities, City of Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 25,484 0 CO2 Equivalent of CH4 Reduction (tons/yr): 535,154 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 108,920 689 76,740 698 Fuel Oil: 89,397 575 62,985 367 Natural Gas: 0 0 60,112 42,352 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Don Lockhart, Director Mark Brunner Mailing Address: 7501 North Jog Road 5114 Okeechobee Boulevard Phone Number: 407-471-2700 561-471-2700 Fax Number: 407-683-4067



			Perdido LF	1		Landfill Category:	Current
		A. G	ENERAL LANDFILL I	NFORMAT	ION		
Landfill Owner:	County	Gov't BOCC	A	nnual Accep	tance Rate (t	ons):	200,200
Landfill Owner Type:	Public		Y	ear Annual A	Acceptance R	ate Reported:	1990
Alternative Landfill N	ame:		D	esign Capaci	ty (tons):		
City:	Canton	ment	A	cres Currentl	y Landfilled	(acres):	110
County:	Escamb	oia	A	verage Deptl	ı (feet):		60
State:	FL		1	994 Waste-ir	n-Place (tons):	4,050,400
Year Open:	1981		19	998 Waste-in	-Place (tons)) <i>:</i>	4,851,200
Year Closed:	2030						
		I	B. LANDFILL GAS CO	LLECTION			
Estimated Methane Ge	eneration (mmsc	f/d):		1.66			
LFG Collection System	m Status:		Оре	erational			
Current LFG Collected	d (mmscf/d):			2.0			
Collection and Treatm	ent System Requ	uired Under NSP	S/EG:	Yes			
			C. LANDFILL GAS UT	ILIZATION	I		
Current Utilization:							
Utilization System	n Status:	Operational					
Utilization System		Boiler					
Utilization System		1997					
Electric Utility Pr							
Natural Gas Prov	* *						
Energy Purchaser	r(s):	Champion Ir	ternational Paper, Cantor	nnent F			
Capacity:		Electrici	y Generation Project (MV	W) ()R	Direct Use Project (mmBtu/h	r)
Estimated Potent	ial Capacity:			5			52
Current Capacity	:			2.3			42
Planned Capacity	:						
Utilities in County:		Escambia Ri	ver Elec Coop Inc; Gulf I	Power Co; So	utheastern P	ower Admin	
		D. ENVIR	ONMENTAL BENEFI	TS OF UTII	LIZATION		
			Pote	ential		Current	
Methane Reduction (to	ons/yr):				9,591		7,709
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):		2	201,401		161,885
		_					
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Gene	-	I	Direct Use Projec	
			CO2 (tons/yr)	SO2 (tor	is/yr)	CO2 (tons/yr) SO	02 (tons/yr)
		Coal:	41,042		259	28,881	263
		Fuel Oil:	33,686		217	23,704	138
	N	latural Gas:	22,651		0	15,939	0
			E. CONTACT INFOR	MATION			
		Landfill (Owner			Landfill Operator	
Contact Name:	David Gregory	, Acting Director	r				
Mailing Address:	13009 Beulah			Route	4		
maining Address.	1300) Deulall	Noau			10, Beulah F	Road	
Phone Number:	050 060 6620					.couu	
	850-968-6628			850-9	68-6628		
Fax Number:	904-968-5690						
* Itallicized indicates v	values estimated	by EPA.	Dece	ember 5, 199	8	State: FL Page	: 19

^{*} Itallicized indicates values estimated by EPA.

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		S	outh Dade Solid Wa	aste Dispo	sal Facilit	ty		Landfill Categor	y: Current
		A. G	ENERAL LANDF	ILL INFO)RMATI	ON			
Landfill Owner:	Metro-	Dade Solid Wast	e Management	Annua	al Accepta	ance Rate ((tons):		414,700
Landfill Owner Type:	Public			Year A	Annual A	cceptance l	Rate Report	ted:	1998
Alternative Landfill N	ame:			Design	n Capacit	y (tons):			16,196,761
City:	Miami			Acres	Currently	y Landfille	d (acres):		115
County:	Dade			Avera	ge Depth	(feet):			140
State:	FL			1998	Waste-in-	-Place (ton	s):		7,464,600
Year Open:	1978			1998	Waste-in-	Place (tons	s):		7,464,600
Year Closed:	2012								
		I	B. LANDFILL GA	S COLLE	ECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		2	2.33				
LFG Collection System	n Status:								
Current LFG Collected	d (mmscf/d):								
Collection and Treatm	ent System Requ	uired Under NSF	S/EG:		Yes				
			C. LANDFILL GA	S UTILIZ	ZATION				
Current Utilization:									
Utilization Syster	n Status:	Construction	ı						
Utilization System	n Type:	Medium Btu							
Utilization Syster	n Start Year:	1999							
Electric Utility Pr	rovider(s):								
Natural Gas Prov	ider(s):								
Energy Purchaser	c(s):								
Capacity:		Electrici	ty Generation Proje	ct (MW)	О	R	Direct Us	se Project (mmBtu	/hr)
Estimated Potent	ial Capacity:				7				73
Current Capacity									
Planned Capacity				(6.6				51
Utilities in County:		Florida Pow	er & Light Compan	v: Homest	ead City	of			
Cunites in County.							T		
		D. ENVIR	RONMENTAL BE			IZATION			
				Potentia				Current	
Methane Reduction (to						13,455			0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			2	82,559			0
Emissions Avoided by	Fossil Fuel Dist	placement:	Electricity	Generatio	on Project	<u> </u>		Direct Use Proj	ect
	r		CO2 (tons/y		SO2 (ton		CO2	-	SO2 (tons/yr)
		Coal:	57,6	,	,	364		40,519	369
		Fuel Oil:	47,2	90		304		33,256	194
	<i>N</i>	latural Gas:	31,7			0		22,362	0
			E. CONTACT I	NFORMA	TION				
	I	Landfill (Owner				Landfil	l Operator	
Contact Name:	Andrew Wilfor	rk, Director			Vicent	e Castro			
Mailing Address:	8675 Northwes	st 53rd Street			8675 N	Northwest 5	53rd Street		
	Suite 201				Suite 2	201			
Phone Number:	305-594-1520				305-59	94-1520			
Fax Number:	305-594-1591								
	200 074 1071								

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Southport Road SLF Phase I & II Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Osceola County Solid Waste Annual Acceptance Rate (tons): 85,800 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Design Capacity (tons): City: Kissimmee Acres Currently Landfilled (acres): 35 County: Osceola Average Depth (feet): State: FL Waste-in-Place (tons): 1,029,600 Year Open: 1985 1,201,200 1998 Waste-in-Place (tons): Year Closed: 1998 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 0.73 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) 2 Estimated Potential Capacity: 23 Current Capacity: Planned Capacity: Florida Power Corporation; Kissimmee Util Authority; Peace River Electric Coop Inc; St Cloud Elec Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Current Potential Methane Reduction (tons/yr): 4,193 0 CO2 Equivalent of CH4 Reduction (tons/yr): 88.053 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 18,153 115 12,627 115 Fuel Oil: 14,899 96 10,363 60 Natural Gas: 10.019 0 0 6,968 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: **Board of County Commissioners** Leonard Marion Mailing Address: 17 South Vernon Avenue 4400 Hunt Road Phone Number: 407-892-2397 407-847-4481 Fax Number: 407-847-9172

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			Sunbeam Road	SLF		Landfill Categor	y: Current
		A. G	ENERAL LANDFILL I	NFORMAT	ION		
Landfill Owner:	WMI		A	nnual Accep	tance Rate (t	ons):	328,900
Landfill Owner Type:	Private			-		ate Reported:	0
Alternative Landfill N	ame:		De	esign Capaci	ty (tons):		
City:	Jacksor	ville	A	cres Currentl	y Landfilled	(acres):	75
County:	Duval		A	verage Deptl	ı (feet):		10
State:	FL				n-Place (tons):	2,250,000
Year Open:	1972				-Place (tons)		2,250,000
Year Closed:	1989				, ,		, ,
		I	B. LANDFILL GAS COI	LLECTION			
Estimated Methane Ge	eneration (mmsc	f/d):		0.99			
LFG Collection System	· · · · · · · · ·	,-	One	rational			
Current LFG Collected			- 1	0.4			
Collection and Treatm	,	ired Under NSF	S/EG:	No			
			C. LANDFILL GAS UTI		I		
Current Utilization:							
Utilization System	n Status:	Operational					
Utilization System		Reciprocatin	a Engina				
Utilization System	• 1	1987	g Eligille				
Electric Utility Pi		1907					
Natural Gas Prov							
Energy Purchaser	(8):						
Capacity:		Electrici	ty Generation Project (MV	W) (OR	Direct Use Project (mmBtu	/hr)
Estimated Potent	ial Capacity:			3			31
Current Capacity:				0.8			8
Planned Capacity	:						
Utilities in County:		Clay Electric	Cooperative Inc; Florida	Power & Li	dht Compan	y; Jacksonville Beach Elec Г	ept; Okefe
-			CONMENTAL BENEFI				-
				ential		Current	
 Methane Reduction (to	ne/vr)·		1 016	nuu	5,744	Current	1,542
CO2 Equivalent of CH	• .	ache).			120,622		32,378
CO2 Equivalent of CII	4 Keauction (to	us/ yr).			120,022		32,376
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gener	ration Projec	rt	Direct Use Proj	ect
			CO2 (tons/yr)	SO2 (to	ıs/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	24,468		155	17,297	157
		Fuel Oil:	20,082		129	14,197	83
	N	atural Gas:	13,503		0	9,546	0
		7 1000	E. CONTACT INFOR	MATION		. 1811 O	
-:		Landfill	Owner			Landfill Operator	
Contact Name:	John Wong, Er	nv'l Health and S	afety Mgr				
Mailing Address:							
Phone Number:	813-621-3053						
E N 1							
Fax Number:							
* Itallicized indicates v		1 ED4		mbor 5 100		State: EI Day	ra: 22

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		Tomoka Farms Ro	oad LF		Landfill Catego	ry: Current		
	A. Gl	ENERAL LANDFILL I	NFORMAT	ON				
Landfill Owner:		A	nnual Accept	ance Rate (to	ns):	284,570		
Landfill Owner Type: Public			-	cceptance Ra		1993		
Alternative Landfill Name:		D	esign Capaci	ty (tons):				
City: Dayton	a Beach	A	cres Currentl	y Landfilled (acres):	80		
County: Volusia	a	A	verage Depth	(feet):		100		
State: FL		1	994 Waste-ir	-Place (tons):		7,569,140		
Year Open: 1981		19	998 Waste-in	Place (tons):		7,853,710		
Year Closed: 1995								
	F	B. LANDFILL GAS CO	LLECTION					
Estimated Methane Generation (mmsc	rf/d):		2.43					
LFG Collection System Status:			Planned					
Current LFG Collected (mmscf/d):			5.0					
Collection and Treatment System Req								
	(C. LANDFILL GAS UT	ILIZATION					
Current Utilization:								
Utilization System Status:	Operational							
Utilization System Type:	Reciprocatin	g Engine						
Utilization System Start Year:	1998							
Electric Utility Provider(s):								
Natural Gas Provider(s):								
Energy Purchaser(s):	Florida Powe	er & Light						
Capacity:	Electricit	ty Generation Project (M	W) C	R I	Direct Use Project (mmBt	ı/hr)		
Estimated Potential Capacity:			8			76		
Current Capacity:			3.5			104		
Planned Capacity:								
Utilities in County:	Clay Electric	: Cooperative Inc; Florida	Power & Lig	ght Company;	Florida Power Corporation	on; New Sm		
	D. ENVIR	CONMENTAL BENEFI	TS OF UTII	IZATION				
		Pote	ential		Current			
Methane Reduction (tons/yr):				14,031		19,272		
CO2 Equivalent of CH4 Reduction (to	ns/yr):		2	294,643		404,712		
	- '							
Emissions Avoided by Fossil Fuel Dis	placement:	Electricity Gene	_		Direct Use Pro			
		CO2 (tons/yr)	SO2 (tor	s/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
	Coal:	59,985		379	42,251	384		
	Fuel Oil:	49,233		317	34,678	202		
Λ	latural Gas:	33,105		0	23,318	0		
		E. CONTACT INFOR	RMATION					
	Landfill (Owner			Landfill Operator			
Contact Name: Jim Griffin, D	irector							
Mailing Address: 1994 Tomoka	Farm Road		123 W	est Indiana A	venue			
_								
Phone Number: 904-947-2952			904-7	36-2700				
Fax Number: 904-736-5957								
Fax Number: 904-736-5957								

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			U.S. 27 South LF		Landfill Cate	gory: Candidate		
		A. G	ENERAL LANDFILL INFO	ORMATION	Lanajiii Cale	gory. Candidate		
Landfill Owner: Landfill Owner Type:	Public	ounty		-		127,270 1993		
Alternative Landfill Name:			Year Annual Acceptance Rate Reported: Design Capacity (tons):			2,605,279		
City: Tallahassee			Acres Currently Landfilled (acres):			2,003,279		
County:	,			Actes Currently Landined (actes). Average Depth (feet):				
State:	FL		1998 Waste-in-Place (tons):			1,200,000		
Year Open:	1977			1998 Waste-in-Place (tons):				
Year Closed:	2002				,	1,200,000		
B. LANDFILL GAS COLLECTION								
Estimated Methane Ge	eneration (mmsc	f/d):		0.72				
LFG Collection System	n Status:							
Current LFG Collected	d (mmscf/d):							
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	No				
		(C. LANDFILL GAS UTILI	ZATION				
Current Utilization:								
Utilization Syster	n Status:	Potential						
Utilization Syster	n Type:	Unknown						
Utilization Syster	n Start Year:							
Electric Utility Pr	rovider(s):							
Natural Gas Prov	ider(s):							
Energy Purchaser	r(s):							
Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)								
Fstimated Potents	ial Canacity:		<u> </u>	2		23		
Estimated Potential Capacity: Current Capacity:						25		
Planned Capacity:								
	•							
Utilities in County:		Florida Pow	er Corporation; Southeastern	Power Admin; Talla	hassee Elec Dept; Talquin	Electric Coo		
		D. ENVII	RONMENTAL BENEFITS	OF UTILIZATION	I			
			Potential		Curre	nt		
Methane Reduction (to	ons/yr):			4,191		0		
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		88,015		0		
Emissions Avoided by Fossil Fuel Displacement:			Electricity Generation Project		Direct Use F	Direct Use Project		
Emissions Tivotaca by	r ossii r iici Disp	rucement.	CO2 (tons/yr) SO2 (tons/yr)		CO2 (tons/yr) SO2 (tons/yr)			
		Coal:	18,153	115	12,621	115		
		Fuel Oil:	14,899	96	10,359	60		
Natural Gas:			10,019	0	6,966	0		
			E. CONTACT INFORMA	ATION				
Landfill Owner Landfill Operator								
Contact Name:	Jud Curtis, Director			Jud Curtis				
Mailing Address: Leon County Courthouse		Courthouse		County Courthou	ise			
	Room 201	.0011110400		County Courtillor				
Phone Number:	904-488-8003			904-488-8003				
Fax Number:	704 400 0003							

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		West Palm Beach #7	,	Landfill Category	: Candidate
	A. GI	ENERAL LANDFILL INFO	RMATION		
Landfill Owner Type: Public Alternative Landfill Name:	each County	Design Acres Avera 1998 1998 V	Rate Reported: d (acres): s):	1998	
		3. LANDFILL GAS COLLE	CHON		
Estimated Methane Generation (mmscf LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Requ		S/EG:	No		
, ,		C. LANDFILL GAS UTILIZ	ZATION		
Current Utilization: Utilization System Status: Utilization System Type: Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Estimated Potential Capacity: Current Capacity: Planned Capacity:		er and Light Co. y Generation Project (MW)	OR	Direct Use Project (mmBtu/	hr)
Utilities in County:					
	D. ENVIR	ONMENTAL BENEFITS (OF UTILIZATION		
Methane Reduction (tons/yr): CO2 Equivalent of CH4 Reduction (tons/yr):		Potential		Current	
Emissions Avoided by Fossil Fuel Disp	Coal: Fuel Oil: atural Gas:	Electricity Generatio CO2 (tons/yr)	n Project SO2 (tons/yr)	Direct Use Proje CO2 (tons/yr) S	ct O2 (tons/yr)
		E. CONTACT INFORMA	TION		
	Landfill (Owner		Landfill Operator	
Contact Name: Mailing Address:			Mark Brunner		
Phone Number: Fax Number:			561-471-2700		

^{*} Itallicized indicates values estimated by EPA. December 5, 1998 State: FL Page: 25



			W'LIE		1 1011 6	C 1:1.		
		A C	Wright LF	ORMATION	Landfill Cates	gory: Candidate		
A. GENERAL LANDFILL INFORMATION								
Landfill Owner:				al Acceptance Rate		225,609		
Landfill Owner Type: Alternative Landfill Na			Year Annual Acceptance Rate Reported:			0		
			Design Capacity (tons):			160		
City:				Acres Currently Landfilled (acres): Average Depth (feet):				
County: State:	FL	sa	Waste		6,542,657			
Year Open:	гL 1961			a).	6,542,661			
Year Closed:	1901		1990	Waste-in-Place (ton	3).	0,342,001		
Year Closed: 1989 B. LANDFILL GAS COLLECTION								
Estimated Methane Ge	neration (mmsc	f/d):		1.67				
LFG Collection System	_	•						
Current LFG Collected								
Collection and Treatme	ent System Requ	uired Under NSF	S/EG:	No				
			C. LANDFILL GAS UTILIZ	ZATION				
Current Utilization:								
Utilization System	n Status:	Potential						
Utilization System		Unknown						
Utilization System								
Electric Utility Pr	ovider(s):							
Natural Gas Provi	ider(s):							
Energy Purchaser	(s):							
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mml			
Estimated Potenti				5		52		
Current Capacity:								
Planned Capacity	:							
Utilities in County:		Choctawhato	chee Elec Coop Inc; Gulf Pow	er Co; Southeastern	Power Admin			
		D. ENVIR	RONMENTAL BENEFITS	OF UTILIZATION	Ţ			
			Potential		Current			
Methane Reduction (to	ons/yr):		9,673		0			
CO2 Equivalent of CH	4 Reduction (tor	ns/yr):		203,135		0		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation Project		Direct Use Project			
				SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	41,042	259	29,129	265		
Fuel Oil:			33,686	217	23,908	139		
Natural Gas:			22,651	0	16,076	0		
E. CONTACT INFORMATION								
Landfill Owner				Landfill Operator				
Contact Name:	David Heinrich			David Heinrich				
Mailing Address:	Mailing Address: 1759 South Fredon Boulevard			1759 South Ferdon Boulevard				
Phone Number: 904-689-5772				904-689-5772				
Fax Number:	904-689-5786			904-689-5786				

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